



1996 Savings Bond KSC drive results

Organization	Percent of participation
CD/DY/AC	90%
AC	74%
CC	100%
CM	88%
DE	66%
EO	100%
HM	76%
IM	72%
LO	59%
MD	84%
MK	61%
MS	80%
OP	66%
PA	100%
RQ	51%
TM	69%
Centerwide total	70%

Asian, Pacific Islander month honored at KSC

May has traditionally been observed as Asian and Pacific Islander American Heritage Month. The theme of this year's observance is "Asian Pacific Americans -- One Vision, One Mission, One Voice."

Among KSC activities planned for the month is a luncheon May 23 at 11:30 a.m. in the O&C Mission Briefing Room. Former Congressman Norman Mineta is scheduled to speak.

Spaceport News

America's gateway to the universe. Leading the world in preparing and launching missions to planet Earth and beyond.

John F. Kennedy Space Center

Two KSC employees named astronaut candidates

Two NASA/Kennedy Space Center employees have been named astronaut candidates, making a total of three candidates chosen from KSC in the last 16 months.

Fernando 'Frank' Caldeiro, a lead engineer in the systems assurance office, and Joan Higginbotham, a lead orbiter project engineer, received the news April 29 in phone calls from the astronaut office at NASA's Johnson Space Center in Houston.

"It is gratifying to see employees who work so diligently and successfully toward the process-



CALDEIRO



HIGGINBOTHAM

ing and launch of the Shuttle fleet here at KSC be given the opportunity to fly," said KSC Center Director Jay Honeycutt.

Caldeiro said the fact that he so thoroughly enjoys his work at KSC probably contributed to his selection. And the fact that

he has always been interested in flight. His first job after receiving a mechanical engineering degree from the University of Arizona was with Rockwell International as a test engineer for the B-1B bomber in Palmdale, CA. Shortly afterward he was promoted to test director. After the 100th bomber was delivered in 1988, he transferred to KSC as a systems specialist with Shuttle main propulsion systems. In 1991 he was hired by NASA and began working in the KSC systems assurance office.

(See ASTRONAUTS, Page 8)

STS-77 to develop commercial edge

Developing the commercial potential of space will be the focus of Mission STS-77, the fourth Space Shuttle flight of 1996.

At press time, the 77th Shuttle mission and 11th flight of Endeavour was scheduled to begin with a May 16 liftoff from Pad 39B during a two-and-a-half-hour launch window which opens at 6:32 a.m. EDT. The date may change to no earlier than May 19 because of range scheduling. The planned 10-day flight is targeted for a landing at KSC's Shuttle Landing Facility on May 26 at 7:09 a.m. EDT.

The six-member crew will oversee the operation of the three primary payloads — the SPACEHAB-4, a commercially owned and operated laboratory module with 12 experiments, mostly in commercial space product development; the Spartan 207/Inflatable Antenna Experiment (IAE), a free-flying carrier with an antenna that will



THE STS-77 astronauts, posing during the Terminal Countdown Demonstration Test, are, from the left, Mission Specialist Mario Runco Jr.; Pilot Curtis Brown Jr.; Mission Specialist Marc Garneau (representing the Canadian Space Agency); Commander John Casper; and Mission Specialists Andrew Thomas and Daniel Bursch.

be inflated and later jettisoned after operations; and the Technology Experiments for Advancing Missions in Space (TEAMS), a set of four space technology experiments.

Planned as part of the Spartan 207/IAE and TEAMS investigations are a total of four rendezvous operations with two research satellites — the most

ever during a single Space Shuttle flight.

On Flight Day Two, Endeavour's Remote Manipulator System (RMS) arm will release the Spartan 207 carrier with its attached IAE. The antenna, which is housed in a canister about the size of a large kitchen table, will then take less

(See STS-77, Page 8)

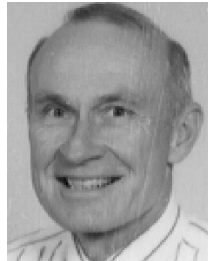
1995 Kennedy Space Center Annual Honor Awards

1995 PRESIDENTIAL EXECUTIVE RANK AWARD

Distinguished Executive Rank Award



John T. Conway



Robert B. Sieck

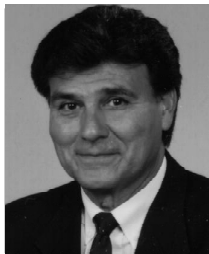
Meritorious Executive Rank Award



Tom Breakfield

This award is granted by the president to career members of the Senior Executive Service (SES) whose performance has been exceptional for at least three years. The award recognizes sustained extraordinary or superior accomplishment in the management of programs of the United States Government and for noteworthy achievement of quality and efficiency in the public service.

KSC DIRECTOR'S AWARD



Kenny G. Aguilar

The Director's Award is the highest award that the center confers on an employee. The award honors the accomplishment of a job-related task of such magnitude and merit as to deserve special center recognition.

KSC SECRETARY OF THE YEAR



Fran Brauer

This award is granted to a KSC employee serving in a secretarial position who has demonstrated exemplary performance of official duties over an extended period of time, or a significant one-time accomplishment directly related to official duties. The nominee's performance must also have been characterized by a high degree of personal integrity, judgment and responsibility.

NASA OUTSTANDING LEADERSHIP MEDAL



Charles B. Mars



Dr. James W. Wright



Elliot Zimmerman

Floyd Curington - (no photo available)

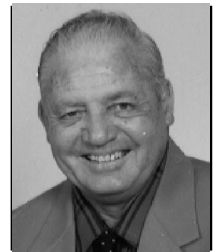
The NASA Outstanding Leadership Medal is awarded for notably outstanding leadership which has had a pronounced effect upon the technical or administrative programs of NASA. The award may be given for an act of leadership or for sustained contributions based on an individual's effectiveness as a leader, the productivity of an individual's program, or demonstrated ability to develop the administrative or technical talents of other employees.

KSC SERVICE AWARD

In grateful recognition and appreciation of faithful service in the National Aeronautics and Space Administration and the government of the United States of America.



40 years
Malcolm W. Fuller



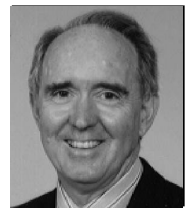
40 years
George H. Hughes, Jr.

KSC EQUAL OPPORTUNITY AWARD

This award is granted to any KSC employee or supervisor for outstanding contributions to Equal Opportunity. Examples of the types of contributions for which the award may be granted include: encouraging self-development and training among minorities and women; assigning minority and women employees to organizational tasks which broaden their experience; suggesting affirmative actions which alleviate problems peculiar to minorities and women; and, assigning minorities and women to tasks which encourage full utilization of their skills.



Janet A. Keith



Walt Stampley

NASA GROUP ACHIEVEMENT AWARDS

The NASA Group Achievement Award is given in recognition of an outstanding accomplishment which has been made through the coordination of many individual efforts and has contributed substantially to the accomplishment of the NASA mission. This award recognizes the accomplishments of either a total Government employee group or a group comprised of both Government and non-Government personnel.

Apollo/Saturn V Center
 Facility Activation and Modification Management
 Galileo Processing Team
 Hardware Interface Module Project Team
 KSC Emergency Preparedness Coordination Team
 KSC Facility Asbestos Survey
 NASA-KSC Midrange Procurement Implementation Team
 1996 President's Quality Award Application Team
 Russian Docking Module Payload Support Team
 Safety and Mission Assurance Support Contractor Transition Team
 Space Station Processing Communication Systems Working Group
 STS-34 Orbiter main Landing Gear Failure Analysis Team
 STS-69 Multi-Payload Processing Facility First Use Team

NASA PUBLIC SERVICE MEDAL

The NASA Public Service Medal is granted for exceptional contributions to the mission of NASA. The award may be given to any individual who was not a government employee during the period in which the service was performed.

Roger C. Greek
 John B. Plowden

Richard H. Jolley, Ph.D., P.E.
 Michael B. Renfroe

KSC CERTIFICATES OF COMMENDATION

This award recognizes exceptional individual accomplishment or outstanding direction or management of a program or program segment which affects the entire Center or contributes significantly to the Center's mission.

Hewitt Q. McKinney	Mack McKinney
Grant W. Stoddard	Richard P. Schneider
Donald Schiller	Eugenio Pichardo
Robert Webster	Kimberly Jenkins
William Bastedo	Herbert Peete
Cynthia Martin	Harry Wolfe
Robert Franco	Tracy Gill
Gary Benton	Brent Seale
John Parks	Renee Minor
Frank Der	Bill Larson
Karen Thompson	Jim Aliberti
Scott Colloredo	Miguel Morales
Mario Busacca	Carolyn McCrary
Danny R. Culbertson	Robert M. Howard
Michael D. Hogue	Seunghee Lee
Ernesto T. Camacho	Peter P. Nickolenko
Mark A. Mason	Joanne Cobbs
Sharon Lowry	Betty Eldred
Michael B. Stevens	Clinton E. Bartley
Jack L. Gardner	Kenneth L. Newton
Louis G. MacDowell, III	Pauletta K. McGinnis
Michael S. McCarty	Rosamund L. Rock
Linda Hansen Ball	Michael J. Lonergan
David J. Spacek	Denise Y. Coleman
Terry L. Smith	David G. Dixon
Peter J. Musto	Christopher J. Carlson
Timothy A. Bond	Jan A. Zysko
Steven J. Altemus	Matthew K. Smisor
Alvaro Diaz	Larry A. Murray
George W. Jacobs	

KSC CERTIFICATE OF APPRECIATION

This award is intended to recognize significant contributions made by NASA employees, individual citizens, contractors, or public organizations to Center endeavors.

NASA Employees

Annette C. Dittmer	Robert A. Cunningham	Kristen J. Riley
Kent E. Hawley	Kennedy L. Newton	Patricia F. Hatch
John J. Zuber	Louis B. MacDowell, III	Paul A. Mogan
J. Bruant Keith, Jr.	Herman T. Everett, Jr.	Kim C. Ballard
John T. Demko	Glenn S. Perez	Larry L. Shultz
David W. Olsen	Norman J. Tokarz	Gregory A. Hall
Darin M. Skelly	Maria C. Stelzer	Joseph E. Porta
Marisa L. Hueckel	Thomas A. Schehl	James H. Celsor
M. Claire Neptune	Cheryl C. Hurst	John Poppert
James W. Austin	Teresa M. Lawhorn	Ron Fox
Margaret A. Hinds	David A. Wansley	Louise Boyd
M. Melinda Smith	Jim E. Medina	John T. Halsema
Mark Woloshin	Kenneth D. Hyde	Anne Jamison
Schonda L. Briggs	Helen P. Kane	Terry A. Stefanovic
Ping Y. Yu	Deborah K. Ward	Linda K. Buckles
Frank S. Howard	Robert L. Schwandt	Cheri B. Wynn

Contractors

Karen E. Corne	Mary G. Chetirkin	Mark A. Hahn
Patricia E. Gladney	Michael Jones	Clarence D. West
Denise De La Pascua	Robert C. Reuter	Kenneth E. Hunter
Wayne R. Martin	John D. Holt	James R. Matrazzo
Henry Schwarz	John W. Boelke	Benjamin C. Glenn
Cynthia R. Wicker	Nancy J. Melton	Brian E. Bateman
Teddy J. Mosteller	Gary A. Woods	James N. Hillis
Robert J. Koenn	Wiley R. Alford	Thomas J. Jamieson
Francis Villalpando	Elliott H. Burton	Joe Regan
Shawn M. Quinn	Mark W. Monaghan	Joan D. Peterson
Karin Biega	Rikki Ojeda	Robert C. Youngquist
Robert K. Currie		
Timothy P. McKelvey		
Carlos D. Estrada		
Joseph B. Voor		
Thomas Hoffman		